

10/568756
JAP20 Rec'd PCT/PTO 21 FEB 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q93366

Yoshiyuki SANKAI

Appln. No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: February 21, 2006

Examiner: Not Yet Assigned

For: WEARABLE ACTION-ASSIST DEVICE, AND METHOD AND PROGRAM FOR
CONTROLLING WEARABLE ACTION-ASSIST DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent No. 61-34340, issued August 7, 1986.
2. Japanese Patent Publication No. 7-163607, published June 27, 1995 (with English Abstract).
3. Japanese Patent Publication No. 2000-166997, published June 20, 2000 (with English Abstract).

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4. Japanese Patent Publication No. 2003-79684, published March 18, 2003 (with English Abstract).

5. Japanese Patent Publication No. 2003-116893, published April 22, 2003 (with English Abstract).

6. Japanese Patent Publication No. 2-298479, published December 10, 1990 (with English Abstract).

7. Takao Nakai, et al. "DEVELOPMENT OF POWER ASSISTIVE LEG FOR WALKING AID USING EMG AND LINUX," Second Asian Symposium on Industrial Automation and Robotics, BITECH, Bangkok, Thailand, May 17-18, 2001.

8. Kota Kasaoka, et al. "PREDICTIVE CONTROL ESTIMATING OPERATOR'S INTENTION FOR STEPPING-UP MOTION BY EXO-SKELETON TYPE POWER ASSIST SYSTEM HAL," Proceedings of the 2001 IEEE/RSJ International Conference on Intelligent Robots and Systems, Maui, Hawaii, USA, Oct. 29 - Nov. 3, 2001.

9. Suwoong Lee, et al. "POWER ASSIST CONTROL FOR WALKING AID BY HAL BASED ON PHASE SEQUENCE AND EMG," the collection (2001) of academic lecture meeting drafts of the 19th Robotics Society of Japan.

One copy of each of the listed documents is submitted herewith, except for those listed in the International Search Report. It is assumed that copies of the cited references from the International Search Report will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

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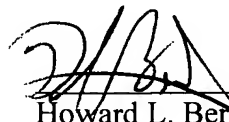
on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents Applicant submits the International Search Report which cites reference Nos. 1-6 and indicates the degree of relevance found by the Foreign Office. Applicant also states that reference No. 9 is discussed within the specification beginning at page 3, line 14.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


Howard L. Bernstein
Registration No. 25,665

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: February 21, 2006

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> (use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned
				Confirmation Number	Not Yet Assigned
				Filing Date	February 21, 2006
				First Named Inventor	Yoshiyuki SANKAI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet 1 of 1				Attorney Docket Number	Q93366

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ <i>(if known)</i>			
		JP	61-34340	B2	08-07-1986	SAKAI IRYO KABUSHIKI KAISHA	
		JP	7-163607	A	06-27-1995	TOKYO R & D CO., LTD.	Abstract
		JP	2000-166997	A	06-20-2000	NSK LTD.	Abstract
		JP	2003-79684	A	03-18-2003	HONDA MOTOR CO., LTD.	Abstract
		JP	2003-116893	A	04-22-2003	HONDA MOTOR CO., LTD.	Abstract
		JP	2-298479	A	12-10-1990	NIPPON TELEGRAPH AND TELEPHONE CORP.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Takao Nakai, et al. "DEVELOPMENT OF POWER ASSISTIVE LEG FOR WALKING AID USING EMG AND LINUX," Second Asian Symposium on Industrial Automation and Robotics, BITECH, Bangkok, Thailand, May 17-18, 2001.	
		Kota Kasaoka, et al. "PREDICTIVE CONTROL ESTIMATING OPERATOR'S INTENTION FOR STEPPING-UP MOTION BY EXO-SKELETON TYPE POWER ASSIST SYSTEM HAL," Proceedings of the 2001 IEEE/RSJ International Conference on Intelligent Robots and Systems, Maui, Hawaii, USA, Oct. 29 - Nov. 3, 2001.	
		Suwoong Lee, et al. "POWER ASSIST CONTROL FOR WALKING AID BY HAL BASED ON PHASE SEQUENCE AND EMG," the collection (2001) of academic lecture meeting drafts of the 19 th Robotics Society of Japan.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.